

U.S. Application No. 10/506,848
Reply to Non-Final Office Action mailed on August 14, 2007

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PATENT
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AMENDMENT TO THE SPECIFICATION

Please amend the Abstract as follows:

~~A picture-taking~~ An image pick-up device apparatus and a chromatic aberration correcting method are provided in which a satisfactory correction processing can be performed even when the image pickup device, such as a camera, ~~shake correction is simultaneously performed~~ performs shake correction. An output signal from a camera-signal processing circuit [[4]] is selected by a selector switch [[5]] and is supplied to a chromatic aberration correcting unit [[6]]. ~~On the other hand, an~~ An angular velocity due to the camera shake is detected using sensors ~~7P~~, ~~7Y~~ and the detected signal is supplied to a camera shake correcting vector calculating unit ~~9 in~~ control microcomputer 8. A driving state of a camera lens ~~4 such as a zoom focal length and focal position~~ is supplied to a conversion-ratio calculating unit [[10]]. An optical axis centered shift vector of camera lens [[1]] is obtained from the camera shake correcting vector and is supplied to the correcting unit, ~~above unit 6~~. ~~A conversion ratio of each color is supplied to the above unit 6. A signal corrected by the above 6 is compressed by data compression circuit 15 and supplied to a recording medium of a recording and reproducing unit 17 for recording. A signal reproduced therefrom is decompressed by a data expansion circuit 18 and supplied to the selector switch 5.~~ Accordingly the picture-quality deterioration caused in the miniaturized camera lens can be compensated by processing the captured image signal, and also a satisfactory correction processing can be performed even when the camera shake correction is performed simultaneously.